

#6

INFORMATION DISCLOSURE CITATION		Att. Docket No.: 49933USA6H.031		Serial No.: 09/520,032				
		Applicants(s): HOOPMAN et al.						
		Filing Date: March 6, 2000			Group: 3726 / 722			
U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
JL		2,292,261	08/04/1942	F.O. Albertson	—	—		
JL		2,952,951	09/20/1960	H.A. Simpson	—	—		
JL		4,642,126	02/10/1987	Zador et al.	—	—		
JL		5,232,470	08/03/1993	Wiand	—	—		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	SubClass	Translation	
							Yes No	
JL		0 052 758 A2	06/02/1982	EPO	—	—	Abstract **	
JL		3043796 A1	07/22/1982	DE	—	—	Abstract **	
JL		57 114367	07/16/1982	Japan	—	—	Abstract **	
JL		8500701	02/01/1985	ES	—	—	Abstract **	
JL		5023973	02/02/1993 02/01/1985	Japan	—	—	Abstract	
JL		52065391	05/30/1977	Japan	—	—	Abstract	
JL		63 235942	09/30/1988	Japan	—	—	Abstract	
		<del>0 004 454 A2</del>	<del>10/03/1979</del>	<del>EPO</del>				
JL		0 004 454 A3	10/03/1979	EPO	—	—	✓	
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)								
EXAMINER Joseph Zeyman				Date Considered 5-20-01				

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Based on Form PTO-FB-A820  
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce

\*\* 0 052 758 A2, 3043796 A1, 57114367, 8500701, are all from the same family, and the abstract provided for these is the same.



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**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
J.L.	1,941,962	1/2/34	Tone	-	-	
	1,988,065	1/15/35	Wooddell	-	-	
	2,001,911	5/21/35	Wooddell et al.	-	-	
	2,015,658	10/1/35	Bezenberger	-	-	
	2,108,645	2/15/38	Bryant	-	-	
	2,115,897	5/3/38	Wooddell et al.	-	-	
	2,242,877	5/20/41	Albertson	-	-	
	2,252,683	8/19/41	Albertson	-	-	
	2,755,607	7/24/56	Haywood	-	-	
	2,806,772	9/17/57	Robie	-	-	
	2,876,086	3/3/59	Raymond	-	-	
	2,907,146	10/6/59	Dyar	-	-	
	3,048,482	8/7/62	Hurst	-	-	
	3,057,256	10/9/62	Erban	-	-	
	3,211,634	10/12/65	Lorenzo	-	-	
J.L.	3,517,466	6/30/70	Bouvier	-	-	

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	SubClass	Translation
					Yes No
J.L. 1,005,448	9/22/65	United Kingdom	-	-	✓
J.L. 2 043 501 A	10/8/80	United Kingdom	-	-	✓
J.L. 2 094 824 B	9/22/82	United Kingdom	-	-	✓
J.L. 0 004 454 A2	1/3/79	EPO	-	-	✓
J.L. 0 109 851 A2	6/30/94	EPO	-	-	✓

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

J.L.	Encyclopedia of Polymer Science and Technology; Vol. 8, 1968; pp. 661-666
J.L.	J.V. Crivello "Photoinitiated Cationic Polymerization; <u>Ann. Rev. Mat.s Sci.</u> ; Vol. 13, 1983; pp. 173-190.
J.L.	Kirk-Othmer Encyclopedia of Chemical Technology Third Edition; John Wiley & Sons, New York; Vol. 1, 1978; pp. 36-39
J.L.	Merchant, "Language and Style A Structured Guide to Fortran 77", Fortran 77, Wadsworth-Publishing Co., Belmont, CA; 1981; pp. 252-254

EXAMINER

Joseph Layman

Date Considered

5-20-01

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<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
JL		3,549,341	12/22/70	Kittredge et al.	-	-		
		3,594,865	7/27/71	Erb	-	-		
		3,605,349	9/20/71	Anthon	-	-		
		3,615,302	10/26/71	Rowse et al.	-	-		
		3,631,638	1/4/72	Yoshikawa et al.	-	-		
		3,641,719	2/15/72	Yang	-	-		
		3,661,544	5/9/72	Whitaker	-	-		
		3,689,346	9/5/72	Rowland	-	-		
		3,712,706	1/23/73	Stamm	-	-		
		3,833,703	9/3/74	Joos	-	-		
		3,859,407	1/7/75	Blanding et al.	-	-		
		3,991,527	11/16/76	Maran	-	-		
		4,011,358	3/8/77	Roelofs	-	-		
		4,038,047	7/26/77	Haywood	-	-		
JL		4,055,029	10/25/77	Kalbow	-	-		
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	SubClass	Translation	
							Yes No	
JL		0 168 065 A1	1/15/86	EPO	-	-	Abstract only	
		0 306 161 A2	3/8/89	EPO	-	-	✓	
		0 306 162 A2	33/6/89	EPO	-	-	✓	
		0 345 239 A1	12/6/89	EPO	-	-	X	
JL		0 429 269 A1	5/29/91	EPO	-	-	✓	
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>								
JL		"Lenox Hackmater V Vari-Tooth Power Hack Saw Blades"; advertisement by Lenox Co., undated						
		Wendtland, "Can't Choose One File?", Nails, July 1994; pp. 37-43						
		V. A. Morozov; "How the Surface Relief of Abrasive Belts Affects Efficiency in Grinding Jobs"; Soviet Engineering Research; Vol. 60, No. 6, pp. 23-27; 1989						
JL		K.L. Wilke et al.; "Coated Abrasive Superfinishing: Predictable, Repeatable Texturing of Metal Roll Surfaces"; from 3M Industrial Abrasives Division, Doc. No. A-ARLSF (92.05) BPH, May 1992; 8 pages						
<b>EXAMINER</b> Joseph Zeyson				<b>Date Considered</b> 5-20-01				

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<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
J.2		4,106,915	8/15/78	Kagawa et al.	-	-	
		4,311,489	1/19/82	Kressner	-	-	
		4,314,827	2/9/82	Leitheiser et al.	-	-	
		4,318,766	3/9/82	Smith	-	-	
		4,364,746	12/21/82	Bitzer et al.	-	-	
		4,420,527	12/13/83	Conley	-	-	
		4,456,500	6/26/84	Ibata	-	-	
		4,539,017	9/3/85	Augustin	-	-	
		4,553,982	11/19/85	Korbel et al.	-	-	
		4,576,850	3/18/86	Martens	-	-	
		4,587,291	5/6/86	Gardziella et al.	-	-	
		4,588,258	5/13/86	Hoopman	-	-	
		4,588,419	5/13/86	Caul et al.	-	-	
		4,623,364	11/18/86	Cottringer et al.	-	-	
		4,644,703	2/24/87	Kaczmarek et al.	-	-	
J.2		4,652,274	3/24/87	Boettcher et al.	-	-	
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	SubClass	Translation Yes No
J.2		0 554 668 A1	8/93/93	EPO	-	-	✓
		0 642 889 A1	3/15/95	EPO	-	-	✓
		0 650 803 A1	5/3/95	EPO	-	-	✓
		0 650 807 A1	5/3/95	EPO	-	-	✓
	J.2		881 239	1/22/43	France	-	-
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
J.2		"Superfinishing: The Microfinishing Systems Way"; Brochure of 3M Microfinishing Systems, 6 pages (7/14/88)					
J.2		"Irgacure® 369"; Brochure of Ciba-Geigy Corp. 1993					
J.2		"Gem Centerless Microfinishers"; Brochure of Grinding Equipment & Machinery Co., Inc.; Youngstown, OH (published before 1/1/90)					
<b>EXAMINER</b> Joseph Leyman				<b>Date Considered</b> 5-20-01			

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<b>U.S. PATENT DOCUMENTS</b>							
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J.L.		4,652,275	3/24/87	Bloeche et al.	-	-	
		4,735,632	4/5/88	Oxman Orman et al.	-	-	
		4,744,802	5/17/88	Schwabel	-	-	
		4,751,138	6/14/88	Tumey et al.	-	-	
		4,770,671	9/13/88	Monroe et al.	-	-	
		4,773,920	9/27/88	Chasman et al.	-	-	
		4,775,219	10/4/88	Appeldorn et al.	-	-	
		4,799,939	1/24/89	Bloeche et al.	-	-	
		4,875,259	10/24/89	Appeldorn	-	-	
		4,881,951	11/21/89	Wood et al.	-	-	
		4,903,440	2/27/90	Larson et al.	-	-	
		4,930,266	6/5/90	Calhoun et al.	-	-	
		4,950,696	8/21/90	Palazotto et al.	-	-	
		4,952,612	8/28/90	Brown-Wensley et al.	-	-	
		4,959,265	9/25/90	Wood et al.	-	-	
J.L.		4,983,458	1/8/91	Dejaiffe	-	-	
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
J.L.		2 354 373	1/6/78	France	-	-	Yes
		2,009,718	8/10/90	Canada	-	-	No
		749650	7/23/80	Soviet Union	-	-	Abstract only
		975375	11/23/82	Soviet Union	-	-	X
J.L.		996178	2/15/83	Soviet Union	-	-	Abstract only
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<b>EXAMINER</b> Joseph Leyro				<b>Date Considered</b> 5-20-01			

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JL		4,985,340	1/15/91	Palazzotto et al.	-	-	
		4,997,461	3/5/91	Markhoff-Matheny et al.	-	-	
		5,011,508	4/30/91	Wald et al.	-	-	
		5,011,513	4/30/91	Zador et al.	-	-	
		5,014,468	5/14/91	Ravipati et al.	-	-	
		5,015,266	5/14/91	Yamamoto	-	-	
		5,022,895	6/11/91	Wiand	-	-	
		5,039,311	8/13/91	Bloecher	-	-	
		5,061,294	10/29/91	Harmer et al.	-	-	
		5,077,870	1/7/92	Melbye et al.	-	-	
		5,078,753	1/7/92	Broberg et al.	-	-	
		5,086,086	2/4/92	Brown-Wensley et al.	-	-	
		5,090,968	2/25/92	Pellow	-	-	
		5,093,180	3/3/92	Morgan	-	-	
		5,107,626	4/28/92	Mucci	-	-	
JL		5,131,926	7/21/92	Rostoker et al.	-	-	
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
							<b>Yes</b> <b>No</b>
JL		1316805 A1	6/15/87	Soviet Union	-	-	Abstract only
		2-83172	3/23/90	Japan	-	-	X
		4-159084	6/2/92	Japan	-	-	X
		57-121458	7/28/82	Japan	-	-	Abstract only
JL		58-196974	11/16/83	Japan	-	-	Abstract only
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<b>EXAMINER</b> Joseph L. Zerm				<b>Date Considered</b> 5-20-01			

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Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
JZ.	5,137,542	8/11/92	Buchanan et al.	-	-	RECEIVED AUG 11 2000 TC 1100 MAIL ROOM	
	5,147,900	9/15/92	Palazzotto et al.	-	-		
	5,152,917	10/6/92	Pieper et al.	-	-		
	5,174,795	12/29/92	Wiand	-	-		
	5,176,155	1/5/93	Rudolph, Jr.	-	-		
	5,178,646	1/12/93	Barber, Jr. et al.	-	-		
	JZ.	5,199,227	4/6/93	Ohishi	-	-	RECEIVED JUN 11 2000 TC 3700 MAIL ROOM
		5,201,101	4/13/93	Rouser et al.	-	-	
		5,201,916	4/13/93	Berg et al.	-	-	
		5,203,884	4/20/93	Buchanan et al.	-	-	
		5,219,462	6/15/93	Bruxvoort et al.	-	-	
		5,236,472	8/17/93	Kirk et al.	-	-	
5,273,805		12/28/93	Calhoun et al.	-	-		
5,275,181		1/4/94	Rudolph, Jr.	-	-		
5,287,863	2/22/94	La Joie et al.	-	-			
JZ.	5,304,223	4/19/94	Pieper et al.	-	-		
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	SubClass	Translation	
JZ.	6-190737	7/12/94	Japan	-	-	X	
	60-9663	1/18/85	Japan	-	-	X	
	61-244468	10/30/86	Japan	-	-	X	
	62-235942	10/16/87	Japan	-	-	Abstract only	
JZ.	62-255069	11/6/87	Japan Abstract Only	-	-	✓	
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
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JL		5,316,812	5/31/94	Stout et al.	-	-	
		5,318,604	6/7/94	Gorsuch et al.	-	-	
		5,368,619	11/29/94	Culler	-	-	
		5,378,251	1/3/95	Culler et al.	-	-	
		5,398,455	3/21/95	Slavin et al.	-	-	
		5,435,816	7/25/95	Spurgeon et al.	-	-	
		5,437,754	8/1/95	Calhoun	-	-	
		5,453,312	9/26/95	Haas et al.	-	-	
		5,454,844	10/3/95	Hibbard et al.	-	-	
		5,489,235	2/6/96	Gagliardi et al.	-	-	
		5,527,368	6/18/96	Supkis et al.	-	-	
		5,658,184	8/19/97	Hoopman	-	-	
		5,672,097	9/30/97	Hoopman	-	-	
		RE 29,808	10/24/78	Wagner	-	-	
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	SubClass	Translation Yes No
JL		92/13680	8/20/92	PCT	-	-	✓
		92/15626	9/17/92	PCT	-	-	✓
		93/12911	7/8/93	PCT	-	-	✓
		93/13912	7/22/93	PCT	-	-	✓
		94/20264	9/15/94	PCT	-	-	✓
JL		94/27780	12/8/94	PCT	-	-	✓
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